

Title (en)

Receiver unit having synchronous pull-in circuit.

Title (de)

Empfängereinheit mit Synchronisierungseinlaufschaltung.

Title (fr)

Unité de réception ayant un circuit d'accrochage de synchronisation.

Publication

EP 0173569 A2 19860305 (EN)

Application

EP 85306127 A 19850829

Priority

JP 17956584 A 19840829

Abstract (en)

In a receiver unit such as a MODEM, a synchronous pull-in circuit is formed. The synchronous pull-in circuit comprises a transversal filter (4) having a roll-off characteristic, a timing discriminator (6) for extracting a timing signal contained in a received signal and a decision part (7) for detecting a phase deviation between the thus extracted timing signal and an internal clock by which the receiver unit is synchronized. The roll-off filter (4) is provided with a plurality of taps, the tap coefficients of which are varied by the decision part (7) via line (L_i) in accordance with the phase deviation derived by the decision part (7), so that the timing signal is synchronized with the internal clock.

IPC 1-7

H04L 7/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0205378A3; US4849989A; US4847880A; EP0292691A3; EP0464818A3; US5291522A; FR2713853A1; US5838743A; US5481564A; US4849996A; EP0620959A4; EP0498022A3; GB2275397A; US5559799A; GB2275397B; GB2301993A; US5825818A; GB2301993B; EP0653861A1; FR2712761A1; EP0573696A1; US5404379A; WO9516317A1; WO8900365A1; WO8807294A1

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